

File 350:Derwent 1963-2000/UD,UM &UP=200041
(c) 2000 Derwent Info Ltd
File 347:JAPIO Oct 1976-2000/Apr(UPDATED 000816)
(c) 2000 JPO & JAPIO

Set	Items	Description
S1	588	(INTERNET? OR WWW OR WORLD?(N2)WEB? OR ONLINE? OR ON()LINE- ?) (N4) (SHOP? OR ORDER? OR PURCHAS? OR SALE? OR PRODUCT?(N2)- SELECT?)
S2	103	(ALTERNATIV? OR ALTERNAT? OR ANOTHER? OR SECOND? OR SUBSTI- TUT?)(N8) ((INTERNET? OR WEB? OR ONLINE? OR ON()LINE? OR RETA- IL?) (N5) (SOURCE? OR STORE? OR PAGE? OR WEBSITE?))
S3	20446	(RELAT? OR SIMILAR? OR CORRELAT? OR SUGGEST?(N2)ANOTHER? OR REPLAC? OR SUGGEST?) (N5) (ITEM? OR PRODUCT? OR MERCHANDIS? - OR GOOD? OR WARE?)
S4	0	S1 AND S2 AND S3
S5	0	S1(S2)S2(S)S3
S6	2	S1 AND S2
S7	19	S1 AND S3
S8	10	S1 AND ((ALTERNAT? OR ANOTHER? OR SECOND? OR SUBSTITUT?) (- N5) (SOURCE? OR STORE? OR PAGE? OR WEBSITE?))
?		

6/7/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent
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012326386 **Image available**

WPI Acc No: 1999-132493/199911

Discount coupon method for obtaining discount in on-line purchases
- involves supplier distributing coupons with codes on them that can be
scanned or manually input to access supplier site offering discounts in
on-line purchases

Patent Assignee: NEOMEDIA TECHNOLOGIES INC (NEOM-N); DURST R T (DURS-I);
HUNTER K (HUNT-I)

Inventor: DURST R T; HUNTER K

Number of Countries: 081 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9904326	A2	19990128	WO 98US14540	A	19980714	199911 B
AU 9884843	A	19990210	AU 9884843	A	19980714	199925
EP 1012690	A2	20000628	EP 98935645	A	19980714	200035
			WO 98US14540	A	19980714	

Priority Applications (No Type Date): US 9823918 A 19980213; US 9752597 A
19970715; US 97967383 A 19971108

Cited Patents: No-SR.Pub

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 9904326	A2	E	26	G06F-000/00
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9884843	A	G06F-000/00	Based on patent WO 9904326
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EP 1012690	A2	E	G06F-001/00	Based on patent WO 9904326
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Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
LU MC NL PT SE

Abstract (Basic): WO 9904326 A

NOVELTY - The network system, e.g. the **Internet**, has vendors
distributing **purchase** discount coupons (2). These have codes (2b) on
them, e.g. in the form of bar codes, or aliases in addition to general
information on the offer. The user can scan (14) the voucher and cause
a client PC (16) to access a vendor site. **Alternately** the alias
allows direction to the discount **web page**. The client is linked to
the discount page and is able to make a discounted purchase. The bar
code may also include a key to encrypt any credit card details.

USE - Providing discount vouchers for **on-line purchases**

ADVANTAGE - Encourages client to visit vendor site and provides
security keys and simplified access codes. DESCRIPTION OF DRAWING(S) -
DESCRIPTION OF DRAWING(S) - Flow diagram for vouchers (2) discount
voucher; (14,16) Client scanner/computer; (18) Vendor **on-line** site
for discounted **purchases**.

Dwg.1/3

Derwent Class: T01; T05; W01

International Patent Class (Main): G06F-000/00; G06F-001/00

6/7/2 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent
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008954678 **Image available**

WPI Acc No: 1992-081947/199211

Communications network dynamic addressing arrangement - dynamically
associates each network with respective second network address and
connection address for duration of connection

Patent Assignee: AMERICAN TELEPHONE & TELEGRAPH CO (AMTT); AT & T CORP

(AMTT); AT & T BELL LAB (AMTT)

Inventor: RIDDLE G G

Number of Countries: 008 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 474427	A	19920311	EP 91307863	A	19910828	199211 B
AU 9183408	A	19920312	AU 9183408	A	19910827	199220
JP 4227150	A	19920817	JP 91246564	A	19910902	199239
US 5166931	A	19921124	US 90576820	A	19900904	199250
EP 474427	B1	19951025	EP 91307863	A	19910828	199547
DE 69114090	E	19951130	DE 614090	A	19910828	199602
			EP 91307863	A	19910828	

Priority Applications (No Type Date): US 90576820 A 19900904

Cited Patents: 2.Jnl.Ref

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 474427	A	14		
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Designated States (Regional): CH DE FR GB LI

JP 4227150	A	11	H04L-012/28
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US 5166931	A	12	H04L-012/66
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EP 474427	B1 E	15	H04L-012/56
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Designated States (Regional): CH DE FR GB LI

DE 69114090	E		H04L-012/56	Based on patent EP 474427
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AU 9183408	A		H04M-009/00
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Abstract (Basic): EP 474427 A

The arrangement assigns network addresses in an inter network formed from a first network and a number of second networks, with the networks requiring respective inter network addresses in order to exchange messages with one another, and the networks being associated with respective interconnected switching nodes. The arrangement comprises an assigning unit for assigning to each of the networks a common inter network address. A circuit, contained in the node associated with the first network and operative on response to a connection being established between the first network and one of the second networks, dynamically associates the first network with a second inter network address and associates the connection with a third inter network address, for supplying to the first network as the address of the second network third address. It also supplies to the node associated with the second network, as the inter network address of the first network, the second address.

Alternatively a message received via the inter network is changed to the common inter network address and the source address is changed to the connection address associated with the intended recipient.

ADVANTAGE - Obviates need for administering network addresses in inter network composed of number of networks by assigning to each network common source address, rather than unique network address.

Abstract (Equivalent): EP 474427 B

An arrangement for assigning network addresses in an internetwork formed from a first network (300-1) and a plurality of second networks (300-2, ..., 300-5), said networks requiring respective **internetwork** addresses in **order** to exchange messages with one another, said networks being associated with respective interconnected switching nodes, said arrangement being characterised by means of assigning to each of said networks a common internetwork address, and means, contained in the node associated with said first network (300-1) and operative responsive to a connection being established between said first network and one of said second networks (300-1, ..., 300-5) for dynamically associating said first network with a second internetwork address and associating said connection with a third internetwork address, for supplying to said first network as the address of said one second network said third address, and for supplying to the node associated with said one second network as the internetwork address of said first network said second address.

Dwg.1/6

Abstract (Equivalent): US 5166931 A

A facility is provided which obviates the need of administering

network addresses in an inter network composed of a number of networks, e.g. LANs by assigning to each network a common source address, rather than a unique network address. In addition, and when a connection is established between two of the networks, then, for the duration of the connection, each of those networks is dynamically associated with a respective second network address and a respective connection address, in which the connection address is used as a destination address.

Accordingly, when one of the networks transmits a message to the other network, the inter network identifies the proper connection as a function of the message destination address and then forwards the message to the intended recipient. In doing so, the **internet** changes the message **source** address to the **second** address associated with the one changes network and the message destination address to the second address associated with the other one of the two networks. Similarly, the source and destination addresses of a message received via the internet are respectively changed to the common address and associated connection address before the message is forwarded to the intended recipient.

ADVANTAGE - Allows dynamic addressing

Derwent Class: R57; W01

International Patent Class (Main): H04L-012/28; H04L-012/66; H04M-009/00

International Patent Class (Additional): G06F-013/00; H04L-012/46;
H04L-012/56

8/7/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent

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013034246 **Image available**

WPI Acc No: 2000-206097/200018

Electronic software distribution for point of sales involves wrapping software in electronic package on-the-fly, based on request from end user to download software

Patent Assignee: RELEASE SOFTWARE CORP (RELE-N)

Inventor: LEE C

Number of Countries: 087 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200010071	A1	20000224	WO 99US18470	A	19990813	200018 B
AU 9957751	A	20000306	AU 9957751	A	19990813	200030

Priority Applications (No Type Date): US 98134691 A 19980814

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200010071 A1 E 34 G06F-001/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9957751 A G06F-001/00 Based on patent WO 200010071

Abstract (Basic): WO 200010071 A1

NOVELTY - A request associated with a software source is received from the end user to download the software. In response, the software is wrapped in an electronic package on-the-fly. The electronic package (26) comprising a component for controlling use of the software is transmitted to remote processing system.

DETAILED DESCRIPTION - The wrapped software package is **stored** in a cache (33). **Another** request is received and is determined whether it corresponds to wrapped software package stored in the cache. If the request corresponds to the stored package, and package is retrieved from the cache and transmitted to the end user. INDEPENDENT CLAIMS are also included for the following:

- (a) program for electronic software distribution;
- (b) computer data signal;
- (c) system for on-the-fly wrapping of software

USE - For electronic point of sales via Internet . For electronic distribution of digital information such as fonts, images, etc.

ADVANTAGE - Provides easy and quick distribution of information, in a customized manner. The software can be downloaded to the end user in any of various modes.

DESCRIPTION OF DRAWING(S) - The figure illustrates the components of wrapping facility.

Electronic package (26)

Cache (33)

pp; 34 DwgNo 7/13

Derwent Class: T01; T05

International Patent Class (Main): G06F-001/00

8/7/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent

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012431483 **Image available**

WPI Acc No: 1999-237591/199920

Electronic catalog production assistance apparatus for online shopping
- replaces selected printing pattern by stored alternative pattern
when width of selected printing pattern is more than standard width

Patent Assignee: BROTHER KOGYO KK (BRER)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11066133	A	19990309	JP 97229559	A	19970826	199920 B

Priority Applications (No Type Date): JP 97229559 A 19970826

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11066133	A		7 G06F-017/50	

Abstract (Basic): JP 11066133 A

NOVELTY - During designing a specific printing pattern with related standard width is read out from memory based on output of selector (17). Several alternative printing patterns are stored in the memory. When the width of selected printing pattern is more than the stored standard width the corresponding printing pattern is replaced by alternative printing patterns. DETAILED DESCRIPTION - Several printing pattern and corresponding standard width are stored separately. The size of printing pattern is varied according to output of size selector. The read printing pattern is modified according to the selected size.

USE - For online shopping .

ADVANTAGE - Enables modification of selected printing pattern when the size does not corresponds to the selected width thereby enhances catalog designing. DESCRIPTION OF DRAWING(S) - The figure shows block diagram of electronic catalog production assistance apparatus. (17) Selector.

Dwg.1/4

Derwent Class: P21; T01

International Patent Class (Main): G06F-017/50

International Patent Class (Additional): A41H-043/00; G06F-003/14;
G06F-017/30

8/7/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent

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012056773 **Image available**

WPI Acc No: 1998-473684/199841

On- line shopping system using internet - includes memory that stores first information and second information, which corresponds to connection of user apparatus obtained by switching system, with line

number

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: KANEKO T

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10200575	A	19980731	JP 971066	A	19970108	199841 B
US 5983199	A	19991109	US 97885685	A	19970630	199954

Priority Applications (No Type Date): JP 971066 A 19970108

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10200575	A		14	H04L-012/56	
US 5983199	A			G06F-015/16	

Abstract (Basic): JP 10200575 A

The system includes a WWW server (1) that offers at least one homepage from each transmission port. A switching system (3) receives a PPP dial from a user apparatus through the WWW server. A conversion table (4) is used to convert the number of the transmission port of the WWW server to the line number of the line channel of the switching system which is connected to the transmission port.

A number converter (5) converts the number of the transmission port, attached to a first information which corresponds to the connection of the user apparatus to the WWW server, to a corresponding line number with reference to the conversion table. A memory (6) stores the first information with the obtained line number. A second information corresponding to the connection of the user apparatus obtained by the switching system is stored by the memory with the line number.

ADVANTAGE - Ensures automatic connection of manufacturer telephone to user telephone accessed to homepage, since user telephone accessed to homepage can be recognised through WWW server. Offers new service corresponding to two person connection since first and **second** informations **stored** in memory can be utilised.

Dwg.1/15

Derwent Class: T01; W01

International Patent Class (Main): G06F-015/16; H04L-012/56

International Patent Class (Additional): G06F-013/00; G06F-015/00;

G06F-015/82; G06F-017/60; H04L-012/50; H04M-003/42

8/7/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent

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011986512 **Image available**

WPI Acc No: 1998-403422/199835

Information registration method using internet for electronic commercial transaction - involves coding user registration ID with two passwords which all maintained for every user to settle accounts

Patent Assignee: YU CARD KK (YUCA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10162067	A	19980619	JP 96317828	A	19961128	199835 B

Priority Applications (No Type Date): JP 96317828 A 19961128

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10162067	A		9	G06F-017/60	

Abstract (Basic): JP 10162067 A

The method involves connecting multiple client terminal with a server through the network. The client terminal registration information is encoded with the first password, for the verification.

The encode information is again coded with the **second** password, and is **stored** in user's file. When the on -line **shopping** request

signal is received the registered user is checked by the referring the user's file. Based on the registered information, the goods price accounts is settled for the user.

ADVANTAGE - Enables data security for every registered user.
Prevents invalid use of credit card by third person.

Dwg.10/15

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06K-017/00

8/7/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent

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011565079 **Image available**

WPI Acc No: 1997-541560/199750

Image processing method using computer connected to network - involves synthesising image data and selecting pixel of image data with higher priority level, when pixels of image data in same position overlap

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9259252	A	19971003	JP 9665765	A	19960322	199750 B

Priority Applications (No Type Date): JP 9665765 A 19960322

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9259252	A		14	G06T-001/00	

Abstract (Basic): JP 9259252 A

The method involves transferring an input image data relating to the image of the goods, from a first apparatus to a **second** apparatus. The image data are **stored** in the memory of the **second** apparatus, and divided into several areas. The processing area image corresponding to each divided image data are formed and given with priority level.

The processing image data are arranged according to the priority level and returned to the first apparatus. When the pixels of the processing image data in the same position overlap, the processing image data are synthesised and pixel of the processing image data with higher priority is selected. The final processing image is formed and the order sheets of goods are exhibited in the display device of the first apparatus.

ADVANTAGE - Reduces load and communication time of network; provides image processing method which can be used for **online shopping** and other applications.

Dwg.4/10

Derwent Class: P85; T01; W01

International Patent Class (Main): G06T-001/00

International Patent Class (Additional): G06F-015/00; G06F-017/60; G06F-019/00; G09G-005/36

8/7/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent

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011355060 **Image available**

WPI Acc No: 1997-332967/199730

Incentive award program system with computer for online user interaction - provides user with online access to product and award program homepages linked to two memory areas, user uses form to order product electronically and to redeem award points towards chosen award electronically

Patent Assignee: NETCENTIVES INC (NETC-N); STOREY T W (STOR-I)

Inventor: STOREY T W

Number of Countries: 021 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9722058	A1	19970619	WO 96US19728	A	19961211	199730 B
US 5774870	A	19980630	US 95572017	A	19951214	199833
EP 867006	A1	19980930	EP 96944791	A	19961211	199843
			WO 96US19728	A	19961211	
US 6009412	A	19991228	US 95572017	A	19951214	200007
			US 98105227	A	19980625	

Priority Applications (No Type Date): US 95572017 A 19951214; US 98105227 A 19980625

Cited Patents: Jnl.Ref; US 5025372; US 5056019; US 5287268

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9722058	A1	E	38	G06F-015/21	
				Designated States (National):	CA JP
				Designated States (Regional):	AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
US 6009412	A			G06F-007/00	Cont of application US 95572017 Cont of patent US 5774870
EP 867006	A1	E		G06F-015/21	Based on patent WO 9722058
				Designated States (Regional):	AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
US 5774870	A			G06F-007/00	

Abstract (Basic): WO 9722058 A

The computer system includes a first memory area for storing a product catalogue which includes product descriptions and prices for each product available for purchase. A **second** memory area **stores** an awards catalogue which includes an award description and points value for each award.

A frequency database stores account information for each enroled user of the incentive award program. The system provides a user with on-line access to product (110A) and award program (300) homepages linked to the two memory areas. A user is provided with an order form for **ordering** a product electronically. An **online** redeeming form for the user redeems award points towards a chosen award, again electronically.

USE/ADVANTAGE - Relates to frequency and award redemption program, and online, interactive frequency and award redemption program. Provides online, interactive incentive program which is fully integrated.

Dwg.1/6

Derwent Class: T01

International Patent Class (Main): G06F-007/00; G06F-015/21

8/7/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent

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008954678 **Image available**

WPI Acc No: 1992-081947/199211

Communications network dynamic addressing arrangement - dynamically associates each networks with respective second network address and connection address for duration of connection

Patent Assignee: AMERICAN TELEPHONE & TELEGRAPH CO (AMTT); AT & T CORP (AMTT); AT & T BELL LAB (AMTT)

Inventor: RIDDLE G G

Number of Countries: 008 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 474427	A	19920311	EP 91307863	A	19910828	199211 B
AU 9183408	A	19920312	AU 9183408	A	19910827	199220
JP 4227150	A	19920817	JP 91246564	A	19910902	199239
US 5166931	A	19921124	US 90576820	A	19900904	199250
EP 474427	B1	19951025	EP 91307863	A	19910828	199547
DE 69114090	E	19951130	DE 614090	A	19910828	199602

Priority Applications (No Type Date): US 90576820 A 19900904

Cited Patents: 2.Jnl.Ref

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 474427	A		14		
Designated States (Regional): CH DE FR GB LI					
JP 4227150	A		11	H04L-012/28	
US 5166931	A		12	H04L-012/66	
EP 474427	B1	E	15	H04L-012/56	
Designated States (Regional): CH DE FR GB LI					
DE 69114090	E			H04L-012/56	Based on patent EP 474427
AU 9183408	A			H04M-009/00	

Abstract (Basic): EP 474427 A

The arrangement assigns network addresses in an inter network formed from a first network and a number of second networks, with the networks requiring respective inter network addresses in order to exchange messages with one another, and the networks being associated with respective interconnected switching nodes. The arrangement comprises an assigning unit for assigning to each of the networks a common inter network address. A circuit, contained in the node associated with the first network and operative on response to a connection being established between the first network and one of the second networks, dynamically associates the first network with a second inter network address and associates the connection with a third inter network address, for supplying to the first network as the address of the second network third address. It also supplies to the node associated with the second network, as the inter network address of the first network, the second address.

Alternatively a message received via the inter network is changed to the common inter network address and the source address is changed to the connection address associated with the intended recipient.

ADVANTAGE - Obviates need for administering network addresses in inter network composed of number of networks by assigning to each network common source address, rather than unique network address.

Abstract (Equivalent): EP 474427 B

An arrangement for assigning network addresses in an internetwork formed from a first network (300-1) and a plurality of second networks (300-2,...,300-5), said networks requiring respective **internetwork** addresses in **order** to exchange messages with one another, said networks being associated with respective interconnected switching nodes, said arrangement being characterised by means of assigning to each of said networks a common internetwork address, and means, contained in the node associated with said first network (300-1) and operative responsive to a connection being established between said first network and one of said second networks (300-1,...,300-5) for dynamically associating said first network with a second internetwork address and associating said connection with a third internetwork address, for supplying to said first network as the address of said one second network said third address, and for supplying to the node associated with said one second network as the internetwork address of said first network said second address.

Dwg.1/6

Abstract (Equivalent): US 5166931 A

A facility is provided which obviates the need of administering network addresses in an inter network composed of a number of networks, e.g. LANs by assigning to each network a common source address, rather than a unique network address. In addition, and when a connection is established between two of the networks, then, for the duration of the connection, each of those networks is dynamically associated with a respective second network address and a respective connection address, in which the connection address is used as a destination address.

Accordingly, when one of the networks transmits a message to the other network, the inter network identifies the proper connection as a function of the message destination address and then forwards the message to the intended recipient. In doing so, the internet changes

the message **source** address to the **second** address associated with the one changes network and the message destination address to the second address associated with the other one of the two networks. Similarly, the source and destination addresses of a message received via the internet are respectively changed to the common address and associated connection address before the message is forwarded to the intended recipient.

ADVANTAGE - Allows dynamic addressing

Derwent Class: R57; W01

International Patent Class (Main): H04L-012/28; H04L-012/66; H04M-009/00

International Patent Class (Additional): G06F-013/00; H04L-012/46;
H04L-012/56

8/7/8 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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06234280 **Image available**

ELECTRONIC COUPON ISSUING EXCHANGING SYSTEM

PUB. NO.: 11-175851 [JP 11175851 A]

PUBLISHED: July 02, 1999 (19990702)

INVENTOR(s): TAKEDA HIROTOSHI

ADACHI YUKIO

APPLICANT(s): HITACHI LTD

APPL. NO.: 09-341086 [JP 97341086]

FILED: December 11, 1997 (19971211)

ABSTRACT

PROBLEM TO BE SOLVED: To provide an electronic coupon issuing exchanging system that causes few losses of use opportunities of a coupon user, requires low expenses of a coupon provider, does not need much time or cost for developing an **online shopping** system and can flexibly review and change a coupon issuing shop or a merchandise sales shop.

SOLUTION: When a coupon is issued by a shop (the first computer 110), its issuing past record information is transmitted to a server device (the third computer 130) for managing coupon issue use condition by way of a communication line 150. Also, when an object merchandise is purchased by that coupon at **another store** (the **second** computer 120), the coupon issuing past record information is retrieved by way of the communication line 150, a discount service is performed on the shop side based on the adaptable coupon information, its coupon exchange past record information is transmitted to the computer 130 by way of the communication line 150 and stored in a storage means.

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8/7/9 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

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01993177 **Image available**

CARRYING ORDER CHANGING METHOD OF WORK ON **LINE**

PUB. NO.: 61-207277 [JP 61207277 A]

PUBLISHED: September 13, 1986 (19860913)

INVENTOR(s): INUI HIROYUKI

APPLICANT(s): TOYOTA MOTOR CORP [000320] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 60-049956 [JP 8549956]

FILED: March 13, 1985 (19850313)

ABSTRACT

PURPOSE: To change the carrying order of work well while to carry the work reliably in order by determining the order for taking out respective work

while considering the storages of first and second line words then storing respective work into the storage.

CONSTITUTION: Five rows of line-type storages 14-1-14-5 are arranged between the printing line 10 and the assembling line 12. A vehicle 16 from the painting line 10 is temporarily stored in said storage where the carrying order is changed then feed sequentially toward the assembling line 12. In other word, the order for taking-out is provided for respective vehicle 16 on the painting line 10 in the first process. The order for taking-out is determined while considering the number of storages 14. In second process, the vehicle 16 is stored sequentially and selectively in the most suitable storage 14 on the basis of said determined order. Then the vehicle 16 is sequentially fed toward the assembling line 12 in accordance to the determined order.

8/7/10 (Item 3 from file: 347)
DIALOG(R) File 347: JAPIO
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00475249

ONLINE NETWORK SYSTEM FOR INFORMATION ON USED CAR STOCK REGISTRATION

PUB. NO.: 54-127249 [JP 54127249 A]
PUBLISHED: October 03, 1979 (19791003)
INVENTOR(s): MITSUI KUNIIHIKO
WATANABE KOICHIRO
FUJITA NOBORU
MASUKAWA TETSUO
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 53-034163 [JP 7834163]
FILED: March 27, 1978 (19780327)

ABSTRACT

PURPOSE: To increase the turnover rate of stock sales with only one pipe for pieces of information on vehicles in stock and on needed ones, by installing exclusive-use terminal equipments in secondhand-car sales companies distributed in various places in the secondhand-car sales business world and by online -coupling them with a host computer installed in a commercial and industrial association through public circuits.

CONSTITUTION: At the center, host computer 21 is installed which has the memory system composed of data file 23 stored with information on the secondhand -car stock and system library 22 stored with a program for leading a processing request made by terminal 3 or its own input-output apparatus to the conclusion in an online or offline mode. Then, data inputted by its own input device are buffered, the dialing of a telephone set is done to call computer 21, and the receiver is set to an acoustic coupler for the indication of transmission. Further, a terminal equipment transmitting the buffering data is installed in each station and computer 21 performs a process according the abovementioned program by process request data from terminal 3 and then sends its answer to the terminal requesting the process.

7/7/1 (Item 1 from file: 350)
DIALOG(R) File 350: Derwent
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013177607 **Image available**
WPI Acc No: 2000-349480/200030

Remote communication link establishing system for online goods marketing and shopping has controller, which permits access of data from central facility through remote facility and provides transaction data

Patent Assignee: WREN S C (WREN-I)
Inventor: WREN S C

Number of Countries: 1 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6055514	A	20000425	US 92855099	A	19920320	200030 B
			US 9351743	A	19930422	
			US 94264184	A	19940622	
			US 94268309	A	19940629	
			US 96668561	A	19960621	

Priority Applications (No Type Date): US 96668561 A 19960621; US 92855099 A 19920320; US 9351743 A 19930422; US 94264184 A 19940622; US 94268309 A 19940629

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6055514	A		12	G06F-017/60	CIP of application US 92855099 Cont of application US 9351743 CIP of application US 94264184 CIP of application US 94268309

Abstract (Basic): US 6055514 A

NOVELTY - Each customer at remote communication facility (14) access the multimedia data **relative** to various **goods** and services, through respective computers (18). A controller permits the access of data from computer (32) in the central facility (12) through computer (18). Based on the access, required transaction data is forwarded.

DETAILED DESCRIPTION - The multimedia data representing goods service and other details is stored in the database of central facility. Different data relevant to the request offered by the facility (14) is output using hypertext application software. The stopping point in the customer's browsing database is recognized based on which the browsing is continued. The data is browsed according to the model and manufacturing details of each goods selected by the customer. After each transaction, the customer profile is updated periodically.

USE - For **online** goods marketing, **shopping** and financing services, to provide sales assistance to cars, boats, motorcycles, furniture, real estate and providing travel packages, entertainment, service contracts investments, employment service etc.

ADVANTAGE - Facilitates customer to obtain relevant assistance for each service, thereby sales promotion and customer service are improved. Reduces costs associated with the marketing and administering various products, due to centralized administration of selling of products. Enables retrieving desired data without need for sales or service representative thereby raises transaction privacy of customers. Quick scrutinizing of desired candidates for job assignment is possible, due to centralized browsing.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of remote communication link establishing system.

Central facility (12)

Remote facility (14)

Computers (18,32)

pp; 12 DwgNo 1/1

Derwent Class: T01

International Patent Class (Main): G06F-017/60

7/7/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent

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013050178 **Image available**

WPI Acc No: 2000-222032/200019

Collecting data over network from peripheral devices in order to control them via internet, using data packets sent over separate couplings between network operated device, activated nodes and target nodes

Patent Assignee: AXIS AB (AXIS-N)

Inventor: ADOLFSSON J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SE 9901503	A	19991025	SE 991503	A	19990426	200019 B

Priority Applications (No Type Date): US 9866071 A 19980424

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
SE 9901503	A	93	G06F-003/00	

Abstract (Basic): SE 9901503 A

NOVELTY - A first data packet is received by a network-operated device via a first coupling between the device and an activated node used to collect data, then this first coupling is disconnected and a second coupling is formed between the device and at least one target node responding to the data transfer request sent out by the device, and then a second packet is sent via the second coupling in response to the data transfer request. DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for (a) a second data collection method similar to the one above, where the data packet includes a node address, (b) a method for distributing data from a network-operated in/out device (NEIOD), (c) a method for collecting and distributing data from a NEIOD, (d) a method for sending and receiving dynamic data from a network node using a NEIOD, (d) a method for creating a dynamic display of data collected from nodes in a network, and (e) the NEIOD device.

USE - For monitoring and configuring peripheral devices via a network such as the internet. The same principle can be used to enable a web browser to access a graphic user interface (GUI) to monitor the devices over the internet.

ADVANTAGE - Peripheral devices in homes and offices can be constantly monitored so that the best time for servicing, repair work or **product replacement** can be determined. The same method allows machinery, equipment, heating systems, air conditioning systems and safety systems to be monitored from any point in the world. DESCRIPTION OF DRAWING(S) - Figure 1 shows a server receiving information over a network from a number of network-driven devices. (100) TCP/IP network; (102) Server; (104) Work station; (110) Reply module; (112) Swipe card machine; (114) Swipe card; (120) Reply module; (122) Video camera; (130) Reply module; (132) Thermometer; (140) Reply module; (142) Thermometer; (150) Processor.

Dwg.1/25

Derwent Class: T01; T04; T05

International Patent Class (Main): G06F-003/00

7/7/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent

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012965600 **Image available**

WPI Acc No: 2000-137451/200012

Virtual sales representative system for on- line shopping via internet

Patent Assignee: ACTIVEPOINT LTD (ACTI-N); FRIEDMAN M M (FRIE-I)

Inventor: AVRAHAM G B; SHEVCHENKO V; TAVOR O; BEN A G

Number of Countries: 086 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200003329	A1	20000120	WO 99US14994	A	19990702	200012 B
AU 9949662	A	20000201	AU 9949662	A	19990702	200028
US 6070149	A	20000530	US 98109726	A	19980702	200033

Priority Applications (No Type Date): US 98109726 A 19980702

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200003329	A1	E 136	G06F-017/00	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU MD MG MK MN MW MX NO NZ PL PT RU SD SE SG SI SK
SL TJ TM TR TT UA US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW
AU 9949662 A G06F-017/00 Based on patent WO 200003329
US 6070149 A G06F-017/60

Abstract (Basic): WO 200003329 A1

NOVELTY - A sale engine unit (10) analyzes one answer of the user according to rule of E-shop (24), based on which another question is to be asked or type of **product** to be **suggested** to the user is determined. According to the answer from the user and rule base of E-shop, type of product being selected by the user is displayed, for guiding customer to target product.

DETAILED DESCRIPTION - At least one question about the product is enquired to the user by an E-shop with rule base that interprets the answer of the user. A GUI (22) being displayed by computer, presents and receives one question and answer to and from the user to sales engine unit. The E-shop and sales engine unit send and receive data to and from GUI through web server protocol. The E-shop, sales engine unit and GUI are presented to the user through applet which is a stand-alone software program. INDEPENDENT CLAIMS are also included for the following:

- (a) method for secure transmission of number over network;
- (b) method for providing virtual sales representative for selling of a product.

USE - For on -line **shopping** via **internet** , electronic **sales** , electronic commerce etc.

ADVANTAGE - By guiding the customer to target product, the system will shorten the search cycle for the customer as well as find better matched **products** . Provides market advisory, **suggestion** , recommend, discussion, comment to the customer regarding the product, by enabling users to interact with the interactive **sales** representatives system via **WWW** for **sales** guidance.

DESCRIPTION OF DRAWING(S) - The figure shows schematic block diagram of sales representative system.

Sales engine unit (10)
GUI (33)
E-shop (24)
pp; 136 DwgNo 1/22

Derwent Class: T01

International Patent Class (Main): G06F-017/00; G06F-017/60

7/7/4 (Item 4 from file: 350)
DIALOG(R) File 350:Derwent
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012804275 **Image available**
WPI Acc No: 1999-610505/199952

Desired product data accessing method in online shopping system
Patent Assignee: BLINN A (BLIN-I); COHEN M A (COHE-I); LORTON M (LORT-I);
STEIN G J (STEI-I)

Inventor: BLINN A; COHEN M A; LORTON M; STEIN G J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5974418	A	19991026	US 96732013	A	19961016	199952 B

Priority Applications (No Type Date): US 96732013 A 19961016

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5974418	A	21	G06F-017/30	

Abstract (Basic): US 5974418 A

NOVELTY - Database queries are formulated to return access objects whose information records **relating** to different **products** are formatted as required by **online shopping** system. A particular

database query from **online shopping** system is submitted to legacy database which returns the access object that is processed to obtain desired product data.

DETAILED DESCRIPTION - Multiple database queries are associated with corresponding query names in cross reference. A particular database query is obtained from cross reference. The information records of access objects are formatted as required by **online shopping** system rather than being formatted in accordance with predefined schema of legacy database.

USE - In **online shopping** system for accessing desired product data from legacy database.

ADVANTAGE - Enables merchants to protect their investment in legacy merchant systems and applications by providing a mechanism that adapts to their existing database schemas. Provides cost effective solution to merchants having existing databases as they can avoid substantial costs in converting their existing databases to predefined schema. Enables rapid development, prototyping and testing of network applications interacting with databases because developers can focus on improving the applications instead of debugging their interaction or communication with database. Enables developers of online merchant system to provide multiplicity of application templates embedding a wide variety of directives to dynamically generate web pages. Accommodates wide variety of merchant business rules through the use of access objects to return database queries.

DESCRIPTION OF DRAWING(S) - The figure shows flowchart of processing of access object.

pp; 21 DwgNo 1/11

Derwent Class: T01

International Patent Class (Main): G06F-017/30

7/7/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent

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012765398 **Image available**

WPI Acc No: 1999-571526/199948

Interactive object-driven database product selection system for use in business environment

Patent Assignee: COMPAQ COMPUTER CORP (COPQ)

Inventor: ALOSE G L; BRAYTON R S; CHAVEZ J E; DAWSON S M; HILES P E; MCCANN P H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5963939	A	19991005	US 97941789	A	19970930	199948 B

Priority Applications (No Type Date): US 97941789 A 19970930

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5963939	A	118	G06F-017/30	

Abstract (Basic): US 5963939 A

NOVELTY - A user interface specifies the **product** class and the corresponding **relative** and logical performance parameter. The interface also displays the product with the corresponding physical performance parameter.

DETAILED DESCRIPTION - A calibration table is coupled to a database including at least one class of product having physical performance parameters. The calibration table provides a translation between physical and relative, logical performance parameters, such that a product with a particular physical performance parameter is selected responsive to specification of the relative and logical performance curve parameter. An INDEPENDENT CLAIM is also included for computer implemented interactive object-driven database product selection method.

USE - For interactive object-driven database **product selection** in business environment, **internet related** services, storage and

data retrieval methodologies e.g. for new networking products, telecommunication products.

ADVANTAGE - Variety of tools enable value added reseller (VAR) to identify the needs of particular customer or end user, select an appropriate solution of equipment, software and networking products to meet the customers need. Since the database also includes retrofit information, new products can be installed into existing networks. The incremental editor allows user to identify a particular product for expert mode. Accessing of incremental editor is enabled to substitute a different product for the product identified.

DESCRIPTION OF DRAWING(S) - The figure shows the conceptual diagram of product selection system.

pp; 118 DwgNo 7/58

Derwent Class: T01

International Patent Class (Main): G06F-017/30

7/7/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent

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012598682 **Image available**

WPI Acc No: 1999-404788/199934

Method collecting marketing data by collecting at point of sale line item data pertaining to several transactions, establishes communication link between point of sale and credit authorisation location

Patent Assignee: MOREHOUSE B (MORE-I); RIORDAN J (RIOR-I)

Inventor: MOREHOUSE B; RIORDAN J

Number of Countries: 083 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9927478	A1	19990603	WO 98US24893	A	19981118	199934 B
AU 9915966	A	19990615	AU 9915966	A	19981118	199944
US 6078891	A	20000620	US 97977479	A	19971124	200035

Priority Applications (No Type Date): US 97977479 A 19971124

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9927478	A1	E	30	G06F-017/60	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9915966	A	G06F-017/60	Based on patent WO 9927478
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US 6078891	A	G06F-017/60	
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Abstract (Basic): WO 9927478 A1

NOVELTY - The electronic invoice containing line item data is identified by the payment vehicle number is created and sent to a credit authorisation location (170) for credit authorisation. This location forwards the invoice to a data warehouse (185) which can be located remote to the credit authorisation location. The **warehouse** has **related** data structures for analysis and searching of collected data.

USE - For collecting and processing marketing data.

ADVANTAGE - Provides for efficient collection and organisation of marketing data.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of the system architecture suitable for implementing **sales** transactions conducted via the **Internet**.

the credit authorisation location (170)

the data warehouse (185)

pp; 30 DwgNo 1/6

Derwent Class: T01

International Patent Class (Main): G06F-017/60

7/7/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent
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012570466 **Image available**

WPI Acc No: 1999-376573/199932

On-line merchandise management system for commercial transaction service
- has terminal equipment at server side to forward serial number
specifying purchaser and corresponding demanded goods to client in
response to purchasing demand from client

Patent Assignee: JUST SYSTEM KK (JUST-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11143954	A	19990528	JP 97312378	A	19971113	199932 B

Priority Applications (No Type Date): JP 97312378 A 19971113

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11143954	A		35	G06F-017/60	

Abstract (Basic): JP 11143954 A

NOVELTY - A purchasing approval to client (1) by a server system (2) is granted in response to client's purchasing demand. A terminal equipment (3) at the server side forwards the serial numbers specifying the goods and the purchaser who demanded the goods, to client. After a goods reception confirmation message from client, the terminal equipment performs purchaser's account processing. DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: online merchandise management procedure; recording medium for recording online merchandise management program

USE - For commercial transaction service in **online shopping** .

ADVANTAGE - As the corresponding **relationship** between the purchaser and the **goods** demanded by him is managed by serial numbers which are forwarded to client, the system performs an effective implementation of commercial transaction services. DESCRIPTION OF DRAWING(S) - The figure shows the functional block diagram of online merchandise management system. (1) Client; (2) Server system; (3) Terminal equipment.

Dwg.1/19

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-013/00

7/7/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent
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012525986 **Image available**

WPI Acc No: 1999-332092/199928

Event guide and production system for events perusal in client-server
communication network - confirms whether accessing person is common
person or production related person and thereby displays information
relevant to events to client

Patent Assignee: DIGITI MINIMI KK (DIGI-N); ISA YG (ISAI-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11120229	A	19990430	JP 97284142	A	19971016	199928 B

Priority Applications (No Type Date): JP 97284142 A 19971016

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11120229	A		27	G06F-017/60	

Abstract (Basic): JP 11120229 A

NOVELTY - The first information processor displays several event names to connect clients. The second processor receives the designated event name of the client. A decision unit evaluates whether the accessing person is a common person or a **production related** person and the third processor accepts ticket purchasing application and displays information relevant to the events. DETAILED DESCRIPTION - The server and its several clients are connected to the event production drafting system via a communication network (110). The memory unit stores the production information about the event names. An INDEPENDENT CLAIM is also included for the recording medium storing event guide and drafting information.

USE - In client server communication network such as **Internet** for **purchase** of goods, or selling boarding ticket of aeroplane or train.

ADVANTAGE - Perusal of production relevant information is simplified. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of event guide and production system. (110) Communication network.

Dwg.1/26

Derwent Class: T01

International Patent Class (Main): G06F-017/60

7/7/9 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent

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012431520 **Image available**

WPI Acc No: 1999-237628/199920

Delivery control system in goods shipment - has position management system which correlates goods arrival with pending orders and outputs result to internet through server

Patent Assignee: FUJI ELECTROCHEMICAL CO LTD (FJIC)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11066171	A	19990309	JP 97224149	A	19970821	199920 B

Priority Applications (No Type Date): JP 97224149 A 19970821

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11066171	A		10	G06F-017/60	

Abstract (Basic): JP 11066171 A

NOVELTY - A shipping management system (6) records the backlog of orders with reference to goods purchase order number and relevant data. A position management system (1) **correlates goods** arrival with the pending orders and outputs the result to internet (7) through a server (8). DETAILED DESCRIPTION - A register stores data of goods order received with purchase order reference, quantity, item, price. The information of pending order remaining to be executed are compiled based on the registered content by an order management system (3). An INDEPENDENT CLAIM is included for recording medium storing program for execution of delivery control method.

USE - In goods shipment.

ADVANTAGE - Generalization management of information such as backlog in each position and **order** remaining is performed by **WWW** server thereby materializing the system for managing order systematically. Offers an efficient and quick disposal of pending orders to achieve client's satisfaction. DESCRIPTION OF DRAWING(S) - The figure shows systematic block diagram of delivery control system in goods shipment. (1) Position management system; (3) Order management system for backlog; (6) Shipping management system; (7) Internet; (8) Server.

Dwg.1/4

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-019/00

7/7/10 (Item 10 from file: 350)
DIALOG(R) File 350:Derwent
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012302998 **Image available**

WPI Acc No: 1999-109104/199910

Computer based on-line commerce method - uses significance level
prioritisation of user criteria that must be satisfied during searches by
intelligent agent

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: CARTER J M; WEST E J W

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2328530	A	19990224	GB 9717899	A	19970823	199910 B
JP 11110347	A	19990423	JP 98198250	A	19980714	199927
KR 99023452	A	19990325	KR 9832182	A	19980807	200024
TW 371335	A	19991001	TW 98106623	A	19980429	200036

Priority Applications (No Type Date): GB 9717899 A 19970823

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2328530	A		19	G06F-017/60	
JP 11110347	A		10	G06F-015/00	
KR 99023452	A			G06F-017/60	
TW 371335	A			G06F-017/60	

Abstract (Basic): GB 2328530 A

The method utilises an intelligent agent to process groups of interrelated commercial requests issued by a client computer. The intelligent agent receives the requests and finds servers that satisfy the criteria. Each request has at least one preferred value that indicates the client's priorities.

The significance weightings are added to selections identifying mandatory requests and less significant items. These may be inter-related issues such as a flight booking on a specific day that is mandatory, with a less important theatre visit in the destination city.

USE - Internet based shopping and commerce activities, particularly for inter-related products or services.

ADVANTAGE - Ensures that the client gets the best deal performed by the intelligent agent. All avenues are fulfilled to generate request options, with priority and mandatory options fulfilled first.

Dwg.2/3

Derwent Class: T01; W01

International Patent Class (Main): G06F-015/00; G06F-017/60

International Patent Class (Additional): G06F-013/00

7/7/11 (Item 11 from file: 350)
DIALOG(R) File 350:Derwent
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012280451 **Image available**

WPI Acc No: 1999-086557/199908

Electronic trading system for online shopping using internet -
transmits accounts settlement demand to respective system, when purchaser
terminal transmits transaction information on goods

Patent Assignee: NTT DATA TSUSHIN KK (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10320470	A	19981204	JP 97130866	A	19970521	199908 B

Priority Applications (No Type Date): JP 97130866 A 19970521

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10320470	A		17	G06F-017/60	

Abstract (Basic): JP 10320470 A

The system includes a terminal (13) into which the selling person inputs the registration demand of goods. Accordingly, the terminal (13) decides the price of goods, based on the brand name and purchasing number, and transmits it to an authentication unit (15) which stores the information through a network (20). A purchaser inputs the purchasing demand of goods into a terminal (11) which acquires the corresponding goods information from the authentication unit and displays it.

From the displayed information, the purchaser selects the goods to be purchased and inputs the corresponding goods number. Based on the price of the goods displayed, relative to the input number, the purchaser presses an order button. Subsequently, the terminal (11) transmits the transaction information on goods by the purchaser, to the authentication unit which transmits a settlement of accounts demand to a system (17).

ADVANTAGE - Mediates negotiations. Enables operating various sales processes.

Dwg.1/16

Derwent Class: T01; T05; W01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-019/00

7/7/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent

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012280435 **Image available**

WPI Acc No: 1999-086541/199908

Goods ordering method using internet - involves transmitting design of goods relating to demanded mail order, to customer terminal, using which customer selects best fit design and sends purchase order to server terminals

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10320454	A	19981204	JP 97128287	A	19970519	199908 B

Priority Applications (No Type Date): JP 97128287 A 19970519

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10320454	A		7	G06F-017/60	

Abstract (Basic): JP 10320454 A

The method involves transmitting the design of the goods, ordered by mail order, to respective terminals (210-212) that has demanded the mail order. The design which fits the customer satisfaction is selected from the displayed goods and the purchased order is sent to the server system (201).

ADVANTAGE - Improves customer satisfaction. Prevents communication gap between customer and mail order centre.

Dwg.2/8

Derwent Class: T01

International Patent Class (Main): G06F-017/60

7/7/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent

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011860108 **Image available**

WPI Acc No: 1998-277018/199825

Goods display method used in on- line shopping - involves displaying selected item with relevant related item on screen for enhancing purchasing probability

Patent Assignee: HITA LTD (HITA)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10091684	A	19980410	JP 96243463	A	19960913	199825 B

Priority Applications (No Type Date): JP 96243463 A 19960913

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10091684	A	11	G06F-017/60	

Abstract (Basic): JP 10091684 A

The method involves displaying the selected **item** with a relevant **related item** automatically on a screen. A probability of purchasing the **related item** with the selected **item** is defined simultaneously. Then, the goods purchased by consumer is efficiently found.

ADVANTAGE - Reduces labour. Improves sales and versatility.

Dwg.1/23

Derwent Class: P85; T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-003/14; G09F-009/00

7/7/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent

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011565079 **Image available**

WPI Acc No: 1997-541560/199750

Image processing method using computer connected to network - involves synthesising image data and selecting pixel of image data with higher priority level, when pixels of image data in same position overlap

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9259252	A	19971003	JP 9665765	A	19960322	199750 B

Priority Applications (No Type Date): JP 9665765 A 19960322

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9259252	A	14	G06T-001/00	

Abstract (Basic): JP 9259252 A

The method involves transferring an input image data **relating** to the image of the **goods**, from a first apparatus to a second apparatus. The image data are stored in the memory of the second apparatus, and divided into several areas. The processing area image corresponding to each divided image data are formed and given with priority level.

The processing image data are arranged according to the priority level and returned to the first apparatus. When the pixels of the processing image data in the same position overlap, the processing image data are synthesised and pixel of the processing image data with higher priority is selected. The final processing image is formed and the order sheets of goods are exhibited in the display device of the first apparatus.

ADVANTAGE - Reduces load and communication time of network; provides image processing method which can be used for **online shopping** and other applications.

Dwg.4/10

Derwent Class: P85; T01; W01

International Patent Class (Main): G06T-001/00

International Patent Class (Additional): G06F-015/00; G06F-017/60; G06F-019/00; G09G-005/36

7/7/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent

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011456788 **Image available**

WPI Acc No: 1997-434695/199740

Selecting and purchasing method for colour contact lenses through virtual shop - in which group of spectacle frames are selected and suggested according to user defined preferences, and cosmetic features of customer's face

Patent Assignee: BECHARA S J (BECH-I)

Inventor: BECHARA S J

Number of Countries: 019 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9729441	A1	19970814	WO 97BR2	A	19970205	199740 B
BR 9600543	A	19971230	BR 96543	A	19960206	199807

Priority Applications (No Type Date): BR 96543 A 19960206

Cited Patents: EP 576268; EP 61918; US 4730260; US 4845184; US 4852184; US 5171386

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9729441	A1	E	22	G06F-017/60	
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Designated States (National): US

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

BR 9600543	A			G06F-017/60	
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Abstract (Basic): WO 9729441 A

The method for automating the commercial activity of an optical shop involves using an imaging apparatus which picks up the face of the customer. According to the customer's cosmetic preferences and the features of the image of the face, an operating program presents a showcase with **suggestions** of best fit eyewear **products** e.g. spectacles and frames and colour contact lenses.

From the suggested showcase, the customer is able to try on and compare eyewear products on the image of the face. Once an eyewear product is chosen, the purchase order may be confirmed, and a computer unit, connected to an assembling machine through a communications program, provides immediate assembling and delivery of the chosen eyewear products.

USE - Automating process of choosing and buying colour contact lenses using virtual optical shop. Access to virtual optical **shop** may be reached through **Internet** by customer, allowing process to be carried out from home computer.

Dwg.2/5

Derwent Class: T01; T04; W01

International Patent Class (Main): G06F-017/60

7/7/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent

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011412832 **Image available**

WPI Acc No: 1997-390739/199736

Data processor for e.g. on-line shopping - has supply unit that provides product data matching entered contribution data to requesting user terminal

Patent Assignee: SONY CORP (SONY)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9171450	A	19970630	JP 95349383	A	19951220	199736 B

Priority Applications (No Type Date): JP 95349383 A 19951220

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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Abstract (Basic): JP 9171450 A

The processor (3) is connected to several terminals (1) through a public telecommunication network (2). The processor has a **product** data memory which stores data **relating** to several **products**.

A contribution data memory matches the contribution data, entered and transmitted by a user through a terminal, with the stored product data. A supply unit provides the product data matching the contribution data to the requesting user terminal.

ADVANTAGE - Easily obtains product and contribution data. Simultaneously displays product data and contribution data entered by user.

Dwg.1/45

Derwent Class: T01

International Patent Class (Main): G06F-003/14

International Patent Class (Additional): G06F-012/00; G06F-013/00; G06F-017/60

7/7/17 (Item 17 from file: 350)

DIALOG(R) File 350:Derwent

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011382925 **Image available**

WPI Acc No: 1997-360832/199733

Computer aided analysis method of goods selling promotion effect in departmental store - involves performing registration of purchase information from customers and actual purchase information and their analysis with customer identification

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9153094	A	19970610	JP 95313839	A	19951201	199733 B

Priority Applications (No Type Date): JP 95313839 A 19951201

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9153094	A	22		

Abstract (Basic): JP 9153094 A

The method involves performing registration of information pertaining to customers. The customer attribute information is identified with customer identifier. An information providing log stores information **relating** to **goods** referred to by the customer beforehand. A purchase log stores corresponding information during actual purchase by customers.

The customer attribute information providing log and purchase log are searched using customer identification. The selling promotion effect of goods recorded in information providing log is analysed.

ADVANTAGE - Increases efficiency in design of selling promotion. Aids decision making in goods arrangement, **online shopping**. Analyses selling promotion effect effectively.

Dwg.1/19

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G07G-001/12

7/7/18 (Item 1 from file: 347)

DIALOG(R) File 347:JAPIO

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06450507 **Image available**

ELECTRONIC COMMERCIAL TRANSACTION SERVICE SYSTEM IN POS UTILIZING IC CARD

PUB. NO.: 20-00036079 [JP 2000036079 A]

PUBLISHED: February 2, 2000 (20000202)
INVENTOR(s): OGUSHI YASUNORI
APPLICANT(s): NEC CORP
APPL. NO.: 10-202565 [JP 98202565]
FILED: July 17, 1998 (19980717)

ABSTRACT

PROBLEM TO BE SOLVED: To provide an electronic commercial transaction service system for enabling a commercial transaction on the **Internet** in a **shop** and guaranteeing security.

SOLUTION: A POS 1 accesses an electronic **shop** 30 present on the **Internet** through the network 2 of a modem or a LAN or the like and the products 31 of the electronic shop 30 are displayed at a customer display 11. A customer purchases the product of the electronic shop 30 from the customer display 11 **similarly** to the actual **product** displayed inside the shop. In the case that the customer purchases the product 31 of the electronic shop 30, an IC card 4 issued from a credit company 40 or the like for which electronic money is paid beforehand is inserted to an IC card reader/writer 5 connected to the POS 1 and individual authentication is performed on the **Internet** by a system (SET or the like) stipulated by the credit company. When the authentication is completed, by selecting the product by a touch panel 12 on the customer display 11 of the POS 1, ordering is completed. Since an account is settled by the electronic money inside the IC Card 4, cash is not transferred.

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7/7/19 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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05808584 **Image available**
ARTICLE DISPLAY METHOD FOR ON LINE SHOPPING

PUB. NO.: 10-091684 [JP 10091684 A]
PUBLISHED: April 10, 1998 (19980410)
INVENTOR(s): OKURA MASAO
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-243463 [JP 96243463]
FILED: September 13, 1996 (19960913)

ABSTRACT

PROBLEM TO BE SOLVED: To save the consumer's trouble to select an article and increase shop-side sales by referring to an **item** which is deeply **relative** to a selected **item** in a storage device and displaying them on a screen once a consumer of **on line shopping** selects the item.

SOLUTION: A consumer terminal 12 receives information from a shop server 15 and displays a list of categories of articles handled at the virtual shop. The consumer selects the category of a desired item (article) to be purchased out of the category list and inputs it to the consumer terminal 12, and then the selected category code is sent to the shop server 15. The shop server 15 extracts an item code belonging to the sent category code from an article master 23, collates the item information corresponding to the extracted item code against an article information master 22, and sends it to the consumer terminal 12. The consumer terminal 12 displays an item list by using the sent item information
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